

Amendments of the Claims

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-18 (Cancelled)

19. (New) A method for delivering a therapeutic agent to a tumor site in a subject, comprising:

administering parenterally to a subject a composition comprising perfluorobutane-filled microbubbles containing an antiproliferative chemotherapeutic agent, wherein the microbubbles are formed by encapsulation with human serum albumin; and

allowing the agent to be released at the tumor site without the use of external stimulation.

20. (New) The method of claim 19, wherein the chemotherapeutic agent is selected from the group consisting of rapamycin, paclitaxel, docetaxel, tacrolimus, and active analogs, derivatives or prodrugs of these compounds.

21. (New) The method of claim 20, wherein the chemotherapeutic agent is selected from the group consisting of rapamycin, paclitaxel, and docetaxel.

22. (New) The method of claim 19, wherein the chemotherapeutic agent is selected from the group consisting of cisplatin, carboplatin, etoposide, tamoxifen, methotrexate, 5-fluorouracil, adriamycin, daunorubicin, doxorubicin, amsacrine, mitotane, topotecan, tretinoin, hydroxyurea, procarbazine, carmustine, mechlorethamine hydrochloride, cyclophosphamide, ifosfamide, chlorambucil, melphalan, busulfan, thiotepa, carmustine, estramustine, dacarbazine, omustine, streptozocin, vincristine, vinblastine, vinorelbine, vindesine, fludarabine, fluorodeoxyuridine, cytosine arabinoside, cytarabine, azidothymidine, cysteine arabinoside, azacytidine,

mercaptopurine, thioguanine, cladribine, pentostatin, arabinosyl adenine, dactinomycin, daunorubicin, doxorubicin, amsacrine, idarubicin, mitoxantrone, bleomycin, plicamycin, ansamitomycin, mitomycin, aminoglutethimide, and flutamide.

23. (New) The method of claim 22, wherein the chemotherapeutic agent is selected from the group consisting of cisplatin, carboplatin, etoposide, tamoxifen, methotrexate, 5-fluorouracil, adriamycin, daunorubicin, doxorubicin, vincristine, and vinblastine.

24. (New) The method of claim 19, wherein the microbubbles have a diameter of between 0.1 to 10.0 microns.